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D27

C2

41. (Amended) The system of claim 38, wherein the handle includes two cam grooves, and the holder tube and the expander each have a follower member engaged in one of the cam grooves to move the holder tube and the expander with respect to one another upon activation of a trigger of the handle.

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D37

C3

60. (Amended) A tool for deploying an anastomosis device, comprising:

a first member configured to hold the anastomosis device;

a second member, said first member and said second member slidable relative to one another, wherein relative motion of said first member and said second member causes deformation of the anastomosis device; and

a handle connected to at least one of said first member and said second member, wherein rotation of said handle about an axis causes said first member and said second member to slide relative to one another.

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D47

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72. (Amended) An anastomosis system, comprising:

an anastomosis device deployable from a first configuration to a second configuration, wherein said second configuration includes at least one flange;

a first member configured to hold said anastomosis device;

a second member; said first member and said second member slidable relative to one another, wherein motion of at least part of said first members deploys at least one said flange of said anastomosis device; and

a handle connected to at least one of said first member and said second member, wherein rotation of said handle about an axis causes said first member and said second member to slide relative to one another.

Please add the following new claim:

84. (New) The tool of claim 60, wherein said deformation includes substantially radial expansion of at least a portion of said anastomosis device.

CS

DS?